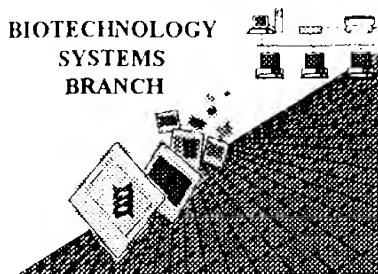


RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



1/22/02
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JAN 17 2002
TECH CENTER 1600-2900

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/582,761
Source: 1600
Date Processed by STIC: 1/8/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

1. EFS-Bio (<http://www.uspto.gov/ebs/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)

2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☒ 7. Other: Please see the attached Raw Sequence Listing Error Summary

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY

1600

RAW SEQUENCE LISTING

DATE: 01/08/2002

PATENT APPLICATION: US/09/582,761

TIME: 16:08:22

Input Set : A:\ES.txt

Output Set: N:\CRF3\01082002\I582761.raw

pp. 5, 4

**Does Not Comply
Corrected Diskette Needed**

7 <110> APPLICANT: COX, Vivienne, Frances
10 SMITH, Richard, Anthony, Godwin
13 ROWLING, Pamela, Jane, Elizabeth
19 <120> TITLE OF INVENTION: NON-IDENTICAL GENES AND THEIR APPLICATION IN IMPROVED
20 MOLECULAR ADJUVANTS
26 <130> FILE REFERENCE: 37945-0008
32 <140> CURRENT APPLICATION NUMBER: US 09/582,761
35 <141> CURRENT FILING DATE: 2000-08-28
41 <150> PRIOR APPLICATION NUMBER: PCT/GB98/03918
44 <151> PRIOR FILING DATE: 1998-12-30
50 <160> PRIOR APPLICATION NUMBER: GB 9727512.7
53 <151> PRIOR FILING DATE: 1997-12-31
59 <160> NUMBER OF SEQ ID NOS: 46
65 <170> SOFTWARE: PatentIn version 3.0
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80 <213> ORGANISM: Artificial Sequence
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99 <222> LOCATION: (24)..(24)
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131 <222> LOCATION: (33)..(33)
134 <223> OTHER INFORMATION: n is A, C, G or T
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147 <222> LOCATION: (39)..(39)
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166 <223> OTHER INFORMATION: n is A, C, G or T
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189 <220> FEATURE:
192 <221> NAME/KEY: misc_feature
195 <222> LOCATION: (69)..(69)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/582,761

DATE: 01/08/2002

TIME: 16:08:22

Input Set : A:\ES.txt

Output Set: N:\CRF3\01082002\I582761.raw

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214 <223> OTHER INFORMATION: n is A, C, G or T
221 <220> FEATURE:
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227 <222> LOCATION: (78)..(78)
230 <223> OTHER INFORMATION: n is A, C, G or T
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240 <221> NAME/KEY: misc_feature
243 <222> LOCATION: (81)..(81)
246 <223> OTHER INFORMATION: n is A, C, G or T
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296 <223> OTHER INFORMATION: n is A, C, G or T
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312 <223> OTHER INFORMATION: n is A, C, G or T
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325 <222> LOCATION: (61)..(61)
328 <223> OTHER INFORMATION: n is A, C, G or T
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350 <211> LENGTH: 93
353 <212> TYPE: DNA
356 <213> ORGANISM: Artificial Sequence
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378 <223> OTHER INFORMATION: n is A, C, G or T
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388 <221> NAME/KEY: misc_feature

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/582,761

DATE: 01/08/2002

TIME: 16:08:22

Input Set : A:\ES.txt

Output Set: N:\CRF3\01082002\I582761.raw

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407 <222> LOCATION: (44)..(44)
410 <223> OTHER INFORMATION: n is A, C, G or T
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426 <223> OTHER INFORMATION: n is A, C, G or T
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439 <222> LOCATION: (77)..(77)
442 <223> OTHER INFORMATION: n is A, C, G or T
449 <400> SEQUENCE: 3
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455 cwtchacntg gctbacngcc tacgtggtca agg 93
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489 <222> LOCATION: (32)..(32)
492 <223> OTHER INFORMATION: n is A, C, G or T
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505 <222> LOCATION: (35)..(35)
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515 <220> FEATURE:
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524 <223> OTHER INFORMATION: n is A, C, G or T
531 <220> FEATURE:
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540 <223> OTHER INFORMATION: n is A, C, G or T
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582 <221> NAME/KEY: misc_feature

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/582,761

DATE: 01/08/2002

TIME: 16:08:22

Input Set : A:\ES.txt

Output Set: N:\CRF3\01082002\I582761.raw

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 588 <223> OTHER INFORMATION: n is A, C, G or T
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 611 <400> SEQUENCE: 4
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 654 <223> OTHER INFORMATION: n is A, C, G or T
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 670 <223> OTHER INFORMATION: n is A, C, G or T
 677 <220> FEATURE:
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 686 <223> OTHER INFORMATION: n is A, C, G or T
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 702 <223> OTHER INFORMATION: n is A, C, G or T
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 W--> 755 ggagaagcag aagccggayg gngtnttyca rgargayggn ccwgtnatyc accargarat 60
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 765 <210> SEQ ID NO: 6
 768 <211> LENGTH: 100
 771 <212> TYPE: DNA
 774 <213> ORGANISM: Artificial Sequence

<223> what does "n" represent?
 (mandatory
 numeric
 identifier
 and response
 needed)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/582,761

DATE: 01/08/2002

TIME: 16:08:22

Input Set : A:\ES.txt

Output Set: N:\CRF3\01082002\I582761.raw

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783 <223> OTHER INFORMATION: DNA sequence of Fuz6
787 <220> FEATURE:
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796 <223> OTHER INFORMATION: n is A, C, G or T
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809 <222> LOCATION: (25)..(25)
812 <223> OTHER INFORMATION: n is A, C, G or T
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828 <223> OTHER INFORMATION: n is A, C, G or T
835 <220> FEATURE:
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841 <222> LOCATION: (55)..(55)
844 <223> OTHER INFORMATION: n is A, C, G or T
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876 <223> OTHER INFORMATION: n is A, C, G or T
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892 <223> OTHER INFORMATION: n is A, C, G or T
899 <220> FEATURE:
902 <221> NAME/KEY: misc_feature
905 <222> LOCATION: (82)..(82)
908 <223> OTHER INFORMATION: n is A, C, G or T
915 <400> SEQUENCE: 6
w 917 gctcccagga aggctrttna cytgncctc rcaratrtcr cgngcytcty gvagngrat 60
w 921 vagnacraan gngtvagd anacatctgc ctcttggc 100
927 <210> SEQ ID NO: 7
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933 <212> TYPE: DNA
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958 <223> OTHER INFORMATION: n is A, C, G or T
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968 <221> NAME/KEY: misc_feature

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fyf

... to <223> fields of
... sequence being n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/582,761

DATE: 01/08/2002

TIME: 16:08:23

Input Set : A:\ES.txt

Output Set : N:\CRF3\01082002\I582761.raw

L:255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:455 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:1063 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:1067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:1161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:1275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:1457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:1551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:1555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:1729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:1733 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12